



the process comprising the steps of

- (a) providing crude calamus oil or  $\beta$ -asarone in a solvent selected from the group consisting of ethanol, methanol, THF, DCM, toluene and chloroform;
- (b) hydrogenating the solution obtained in step (a) in the presence of a catalyst selected from the group consisting of PD/C, Pt,  $\text{Pd}(\text{OH})_2$ , Raney nickel and ammonium formate; at a pressure in the range of 10-40 psi hydrogen gas and at a temperature in the range of 15-40°C;
- (c) filtering the catalyst and removing the solvent under reduced pressure in the range of 10-100 mm Hg; and
- (d) subjecting the reduced calamus oil to column of silica gel chromatography using an eluent to obtain the desired product in liquid form with 85-97% purity.

*AI*

*AJ*

Claim 7 (Amended). A process as claimed in claim 1 wherein the calamus oil is extracted from the asarone rich plants selected from the group consisting of *Asarum europaeum*, *Crowea angustifolia* and *Heterotropa yakusimensis*.